TETRA TECH EM INC.

February 27, 2006

Mr. David Graham
City of Chicago Department of Environment
30 North LaSalle Street
25th Floor
Chicago, IL 60602

Subject: **Summary of Current Conditions**
Former Dutch Boy – National Lead Property
Study Area No. 13 of the West Pullman Industrial Redevelopment Area (WIRA)
Chicago, Illinois

Dear Mr. Graham:

On the behalf of the City of Chicago Department of Environment (CDOE), Tetra Tech EM Inc. (Tetra Tech) reviewed reports and available data for the above-referenced site and developed this summary of current conditions.

DOCUMENTS REVIEWED

The following information was reviewed by Tetra Tech:

- Tetra Tech, Comprehensive Site Investigation Report, January 7, 2002
- Tetra Tech, Vault Investigation Report, June 8, 1999
- Earth Tech Phase III Report, March 15, 2001
- Tetra Tech Extent of Contamination Report November 7, 2000
- Tetra Tech Site Assessment Report, December 6, 2001
- Environmental Strategies Corporation (ESC) Site Reassessment Report, August 6, 2003
- ESC Supplemental Soil Sampling Report, July 26, 2005
- Tetra Tech Split Sampling Results from ESC Supplemental Soil Sampling Event, June and July, 2005
- Tetra Tech Soil Sampling Report, October 20, 2005

SUMMARY

Laboratory analytical data collected between July 1999 and August 2005 were compiled into a table and a discussion of the sampling locations was added. Table 1-1 in Enclosure 1 summarizes the laboratory analytical data for the site from July 1999 through August 2005. Laboratory analytical data collected prior to July 1999 were not included in Table 1-1 because many of these locations have been remediated and the site's current grade may differ from the pre-remediation sampling grade. In addition, ESC's remediation confirmation analytical data were not included in Table 1-1 because it is assumed that the analytical results of the soil samples did not exceed remediation objectives.

Soil boring locations, remediation areas, concrete removed and existing site conditions are presented on Figure 2-1 in Enclosure 2.

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TABLE 1-1
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
1999 THROUGH 2005
DUTCH BOY/NATIONAL LEAD SITE

Sampling Date	Consultant and Source	Sample ID	Depth	Total Lead mg/kg	TCLP Lead mg/L	Discussion
July 13, 1999	Tetra Tech CSI 1/7/02	SB-1	0-2	2.66	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1A	2	202	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1A	2.5	10800	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1	5-7	23.1	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1A	3	31.1	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1A	3.5	10.1	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-1A	4	8.75	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		SB-2	1-3	49.9	NA	Concrete surface at grade, concrete currently present
		SB-2	5-7	6.72	NA	Concrete surface at grade, concrete currently present
		SB-3	1-3	39.2	NA	Concrete surface at grade, concrete currently present
		SB-3	5-7	19	NA	Concrete surface at grade, concrete currently present
		SB-4	1-3	751	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-4	5-7	140	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-5	1-3	56.7	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-5	5-7	6.71	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
July 27, 2000	Earth Tech Phase III Report 3/15/01	Mud		[redacted]	2.12	Near former stack
		Yellow Sand		162	0.521	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001), material deposited in corridor to west
		Foundry Sand		38.3	0.416	Remediated by Earth Tech, at grade slab remains.
May 21, 2001	Tetra Tech CSI 1/7/02	SB-6	0-3	17.8 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-6	3-5	6	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-7	0-3	18.4	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-7/7D	3-9	17.3/18.7	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-8	0-3	4.3	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-8	3-7	8.2	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-9/9D	0-3	11.5 J/21.7 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-9	3-7	20.3 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-10				No soil boring
		SB-11	0-3	291	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-11	3-6	36	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-12	0-3	13.1 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-12	4-9	7.8 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-13				No soil boring
		SB-14	0-3	[redacted]	NA	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		SB-15	0-3	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-15A	3-5	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-16	0-3	67	NA	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		SB-16	3-7	16.4	NA	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		SB-17	0-3	35.7 J	NA	Concrete surface at grade, concrete removed by Earth Tech in 2000/2001
		SB-17	3-6	35.5 J	NA	Concrete surface at grade, concrete removed by Earth Tech in 2000/2001
		SB-18				No soil boring
		SB-19	0-3	15 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-19	3-6	60 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		SB-20	0-3	[redacted]	NA	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-20	3-5.5	111 J	NA	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-21	0-3	124 J	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		SB-21/21D	3-8	35.2/230	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		SB-22	0-3	138	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001)
		SB-22	3-6	7.1	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001)
		SB-23	0-3	[redacted]	[redacted]	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		SB-23	3-7.5	10.8	NA	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		SB-24	0-3	12.8 J	NA	Concrete surface above-grade, former dock (concrete removed by Earth Tech in 2000/2001)
		SB-24	3-6	16.6 J	NA	Concrete surface above-grade, former dock (concrete removed by Earth Tech in 2000/2001)
		SB-25	0-3	49 J	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-25	3-6	1370 J	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-26	0-3	[redacted]	[redacted]	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-26	3-6	56.7 J	NA	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		SB-27	0-3	78.6 J	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-27	3-5.5	6 J	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-28	0-3	83.3	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-28	3-6	26.4	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-29	0-3	520 J	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-29/29 D	3-6	202 J/ 152 J	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		SB-30	0-3	[redacted]	[redacted]	Concrete surface above-grade, loading dock, concrete remains
		SB-30	3-6	383 J	NA	Concrete surface above-grade, loading dock, concrete remains
		SB-31	0-3	33 J	NA	Concrete surface above-grade, loading dock, concrete remains
		SB-31	3-8	25.1 J	NA	Concrete surface above-grade, loading dock, concrete remains
		SB-32	0-3	597	NA	Concrete surface above-grade, loading dock, concrete remains
		SB-32	3-7	21.1	NA	Concrete surface above-grade, loading dock, concrete remains

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1999 THROUGH 2005
DUTCH BOY/NATIONAL LEAD SITE

Sampling Date	Consultant and Source	Sample ID	Depth	Total Lead mg/kg	TCLP Lead mg/L	Discussion
October 23, 2000	Tetra Tech EOC Report November 7, 2000	A1	0-2	219	35.8	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A1	2-3	1,090	2.67	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A1	3-4	42.5	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A2	0-2	652	2.82	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A2	2-3	5,370	3.09	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A2	3-4	20.2	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A3	0-2	50,000	164	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A3	2-3	10.6	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		A3	3-4	12	NA	Remediated by Tetra Tech in 2001, exceedance no longer exists
		B1	0-2	114	NA	Concrete surface at grade, concrete remains
		B1	2-3	206	NA	Concrete surface at grade, concrete remains
		B1	3-4	11.8	NA	Concrete surface at grade, concrete remains
		B2	0-2	83.7	NA	Concrete surface at grade, concrete remains
		B2	2-3	59.4	NA	Concrete surface at grade, concrete remains
		B2	3-4	222	NA	Concrete surface at grade, concrete remains
		B3	0-2	22.6	NA	Concrete surface at grade, concrete remains
		B3	2-3	27.7	NA	Concrete surface at grade, concrete remains
		B3	3-4	9.2	NA	Concrete surface at grade, concrete remains
		B4	0-2	56	NA	Concrete surface at grade, concrete remains
		B4	2-3	6.3	NA	Concrete surface at grade, concrete remains
		B4	3-4	16.7	NA	Concrete surface at grade, concrete remains
		B5	0-2	8.8	NA	Concrete surface at grade, concrete remains
		B5	2-3	685	[redacted]	Concrete surface at grade, concrete remains
		B5	3-4	10	NA	Concrete surface at grade, concrete remains
September 2001	Tetra Tech Site Assessment Report for USEPA, December 6, 2001	DB-1	0-3	24	<0.05	Concrete surface above-grade, loading dock, concrete remains
		DB-2	0-3	36	<0.05	Concrete surface above-grade, loading dock, concrete remains
		DB-3	0-3	341	0.4	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-4	0-3	31	<0.05	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-5	0-3	33	0.19	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-6	0-3	345	4.73	Former main basement area, material removed from basement and stockpiled, large debris removed by Tetra Tech in 2004)
		DB-7	0-3	[redacted]	[redacted]	Concrete surface above-grade, removed by Earth Tech in 2000/2001, at grade slab remains
		DB-8	0-3	420	2.47	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		DB-9	0-3	858	3.99	Concrete surface above-grade, near former UST basement (concrete removed by Earth Tech in 2000/2001)
		DB-9D	0-3	[redacted]	1.26	Concrete surface above-grade, near former UST basement (concrete removed by Earth Tech in 2000/2001)
		DB-10	0-3	1110	[redacted]	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		DB-11	0-3	33	<0.05	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-12	0-3	30	<0.05	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-13	0-3	675	0.17	ESC 1999 remediation area, soil from sampling interval remains at site.
		DB-14	0-3	177	0.11	Concrete surface at grade, concrete currently present
		DB-15	0-3	98	0.39	Concrete surface at grade, concrete currently present
		DB-15D	0-3	93	0.54	Concrete surface at grade, concrete currently present
		DB-16	0-3	598	0.14	Concrete surface at grade, concrete currently present
		DB-17	0-3	231	0.47	Concrete surface at grade, concrete currently present
		DB-18	0-3	283	[redacted]	Concrete surface at grade, concrete currently present
		RSB-4	0-3	35	<0.05	ESC 1999 remediation area, soil from sampling interval remains at site.
		RSB-14	0-3	758	0.71	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		RSB-15	0-3	[redacted]	[redacted]	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		RSB-20	0-3	[redacted]	[redacted]	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		RSB-23	0-3	775	[redacted]	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		RSB-25	0-3	[redacted]	1.14	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		RSB-26	0-3	92	0.14	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		RSB-29	0-3	1110	<0.05	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		GRAB	0	[redacted]	[redacted]	Sample collected of material beneath broken concrete (not known if material was in stockpile)
June 2003	ESC Site Reassessment Report for National Lead, August 8, 2003 (XRF conducted but not included)	ESC-01	5-6	7.5	NA	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		ESC-02	2-3	8.1	NA	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		ESC-02	3-4	39	NA	Concrete surface above-grade, former mill building, (concrete removed by Earth Tech in 2000/2001)
		ESC-03	2.5-3.5	[redacted]	NA	Concrete surface above-grade, removed by Earth Tech in 2000/2001, at grade slab remains
		ESC-04	0-1	[redacted]	NA	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		ESC-04	1-2	[redacted]	NA	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		ESC-04	5-6	29	NA	Concrete surface above-grade, former UST basement (concrete removed by Earth Tech in 2000/2001)
		ESC-05	1-2	1300	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-05	5-6	1100	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-06	2-3	1100	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
February through May 2004	Tetra Tech 2004					Large concrete debris removed from basements, smaller-sized debris stockpiled on site

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1999 THROUGH 2005
DUTCH BOY/NATIONAL LEAD SITE

Sampling Date	Consultant and Source	Sample ID	Depth	Total Lead mg/kg	TCLP Lead mg/L	Discussion
June/July 2005	ESC Supplemental Soil Sampling Report for National Lead dated July 26, 2005	RSB-15A	0-1	[redacted]	NA	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		RSB-15A	1-2	[redacted]	NA	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		ESC-3A	0-1	[redacted]	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-3A	1-2	[redacted]	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-3A	2-3	[redacted]	NA	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-06A	0-1	310	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-06A	1-2	350	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-9A	2-3	70	NA	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-9A	3-4	93	NA	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-10A	2-3	[redacted]	NA	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-18A	0-1	810	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-18A	1-2	940	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-18A	2-3	[redacted]	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-102 (18A dup)	2-3	[redacted]	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-19A	0-1	[redacted]	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-19A	1-2	240	NA	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-20A	0-1	630	NA	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-20A	1-2	1000	NA	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-23A	1-2	25	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-23A	2-3	16	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-24A	0-1	13	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-24A	1-2	20	NA	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-25A	1-2	280	NA	Former main basement area, material removed from basement and stockpiled, large debris removed by Tetra Tech in 2004)
		ESC-25A	2-3	240	NA	Former main basement area, material removed from basement and stockpiled, large debris removed by Tetra Tech in 2004)
		ESC-28	0-1	33	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-29	0-1	49	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-29	1-2	22	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-30	1-2	100	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-31	0-1	98	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-32	0-1	60	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-33	0-1	320	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-34	1-2	350	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-35	0-1	49	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-136	0-1	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	0-2	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	2-3	740	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	0-1	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	1-2	180	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-38	0-1	710	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-39	0-1	540	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-40	2-3	180	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-105 (40 dup)	2-3	880	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-41	2-3	290	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-42	1-2	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-42	2-3	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	0-1	1300	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	1-2	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	2-3	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	3-4	13	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-44	0-1	220	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-45	0-1	220	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-46	0-1	39	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-47	0-1	21	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-48	1-2	22	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-148	1-2	21	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-49	0-1	69	NA	ESC 1999 remediation area, soil from sampling interval remains at site.

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1999 THROUGH 2005
DUTCH BOY/NATIONAL LEAD SITE

Sampling Date	Consultant and Source	Sample ID	Depth	Total Lead mg/kg	TCLP Lead mg/L	Discussion
		RSB-15A	0-1	[redacted]	[redacted]	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		RSB-15A	1-2	[redacted]	[redacted]	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		RSB-15A	2-3	[redacted]	[redacted]	Concrete surface at grade (concrete removed by Earth Tech in 2000/2001)
		ESC-3A	0-1	[redacted]	[redacted]	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-3A	1-2	[redacted]	[redacted]	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-3A	2-3	[redacted]	[redacted]	Concrete surface above-grade, former dock, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-6	0-1	710	4	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-6	1-2	750	0.59	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-9A	2-3	170	0.25	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-9A	3-4	180	0.4	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-10	0-1	[redacted]	[redacted]	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-10	1-2	1000	[redacted]	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-10	2-3	[redacted]	[redacted]	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001)
		ESC-10	3-4	83	0.17	Concrete surface above-grade, former main basement area, (above-grade concrete removed by Earth Tech in 2000/2001, at grade pad remains)
		ESC-18	0-1	1100	1.1	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-18	1-2	870	1.3	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-18	2-3	[redacted]	[redacted]	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-18	3-4	[redacted]	2.8	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-19	0-1	810	0.88	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-19	1-2	940	0.44	Concrete surface at grade, former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-20	0-1	700	2.1	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-20	1-2	1200	[redacted]	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-20	2-3	430	1.9	Concrete surface at grade, adjacent to former AST area (concrete removed by Earth Tech in 2000/2001)
		ESC-23	1-2	34	<0.005	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-23	2-3	9.6	0.0098	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-24A	0-1	27	0.019	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-24A	1-2	12	<0.0075	Concrete surface above-grade, former dock, concrete removed by Earth Tech in 2000/2001
		ESC-25	1-2	330	0.63	Former main basement area, material removed from basement and stockpiled, large debris removed by Tetra Tech in 2004)
		ESC-25	2-3	290	1.6	Former main basement area, material removed from basement and stockpiled, large debris removed by Tetra Tech in 2004)
		ESC-28	0-1	79	0.017	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-29	0-1	120	0.021	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-30	0-1	150	0.026	ESC 1999 remediation area, soil from sampling interval remains at site.
June/July 2005	Tetra Tech Split sampling results from ESC Sampling	ESC-31	0-1	160	0.031	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-32	0-1	720	0.6	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-33	0-1	140	0.48	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-34	1-2	120	0.29	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-35	0-1	200	0.26	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	1-2	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	1-2	[redacted]	4.6	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	2-3	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	2-3	[redacted]	0.08	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	3-4	310	0.6	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-36	3-4	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	0-1	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	1-2	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	1-2	650	0.55	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	2-3	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-37	3-4	1300	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-38	1-2	1300	3	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-39	0-1	780	2.4	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-40	2-3	330	1	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-41	2-3	440	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-41	3-4	270	2	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-42	1-2	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-42	2-3	[redacted]	1.1	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-42	3-4	43	0.051	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	0-1	[redacted]	1	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	1-2	[redacted]	2	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	2-3	[redacted]	[redacted]	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-43	3-4	8.7	0.0077	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-44	0-1	250	0.052	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-45	0-1	210	0.0088	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-46	0-1	33	<0.0075	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-47	0-1	39	<0.0075	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-48	1-2	43	<0.0075	ESC 1999 remediation area, soil from sampling interval remains at site.
		ESC-49	0-1	300	<0.0075	ESC 1999 remediation area, soil from sampling interval remains at site.

TABLE 1-1
SUMMARY OF SOIL SAMPLE ANALYTICAL DATA
1999 THROUGH 2005
DUTCH BOY/NATIONAL LEAD SITE

Sampling Date	Consultant and Source	Sample ID	Depth	Total Lead mg/kg	TCLP Lead mg/L	Discussion
August 2005	Tetra Tech Soil Sampling Report October 20, 2005	TT-05-N-01	0-1	32 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-01	1-2	26 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-01	2-3	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-N-01	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-N-02	0-1	210 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-02	1-2	23 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-02	2-3	1100 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-02	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-N-03	0-1	260 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-03	1-2	28 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-03	2-3	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-N-03	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-N-04	0-1	48 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-04	1-2	1000 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-04	2-3	500 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-N-04	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-NE-01	0-1	33 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-01	1-2	32 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-01	2-3	580 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-01	3-4	1000 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-02	1-2	34 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-02	2-3	37 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-02	3-4	38 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-03	0-1	220 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-03	1-2	42 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-03	2-3	31 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-03	3-4	270 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-04	0-1	32 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-04	1-2	31 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-04	2-3	29 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NE-04	3-4	35 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-01	0-1	290 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-01	1-2	26 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-01	2-3	230 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-01	3-4	690 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-02	0-1	41 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-02	1-2	26 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-02	2-3	26 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-02	3-4	21 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-03	0-1	45 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-03	1-2	27 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-03	2-3	27 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-03	3-4	730 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-04	0-1	380 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-04	1-2	28 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-04	2-3	29 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-NW-04	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-W-01	0-1	48 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-01	1-2	24 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-01	2-3	25 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-01	3-4	250 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-02	0-1	74 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-02	1-2	38 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-02	2-3	25 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-02	3-4	250 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-03	0-1	33 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-03	1-2	25 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-03	2-3	29 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-03	3-4	[redacted]	NA	ESC 1999 remediation area, soil from sampling interval remains at site, sample collected from below cap
		TT-05-W-04	0-1	760 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-04	1-2	26 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-04	2-3	33 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.
		TT-05-W-04	3-4	28 J	NA	ESC 1999 remediation area, soil from sampling interval remains at site.

Notes:

NA - Not analyzed
J - Concentration is estimated
BOLD - Concentration exceeds USEPA risk-based cleanup objective of 1,400 ppm, or criteria for hazardous waste of 5 mg/L
ESC confirmation of remediation analytical data is not included in this summary.
Site assessement data from prior to 1999 is also not included.

ENCLOSURE 2

FIGURES

(Four Sheets)

SDMS US EPA Region V

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FIGURE 2-1 – FIGURE 2-4 (SITE MAPS)

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City of Chicago
Richard M. Daley, Mayor

Department of Environment

Sadhu A. Johnston
Commissioner

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Chicago, Illinois 60602-2575
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http://www.cityofchicago.org

March 8, 2006

U.S. Environmental Protection Agency
Brad Bradley
77 W. Jackson Boulevard
Mailcode - SR-6J
Chicago, IL 60604-3590

SUBJECT: NL Industries, Inc. - Dutchboy Site in Chicago, Illinois
City of Chicago Soil Sample Results and Reports

Dear Mr. Bradley:

The City of Chicago (City) has prepared reports regarding its findings of its August 2005 sampling and an overall summary of work completed at the former Dutchboy property to date. Enclosed are two copies of the following reports prepared the City's consultant Tetra Tech Inc. :

1) Soil Sampling and Surveying Letter Report, dated March 3, 2006.
2) Summary of Current Conditions, dated February 27, 2006.

If you have any questions, feel free to call me call 312-744-3639.

Sincerely,

Dave Graham, P.G.

CC: M. Ames
K. Worthington

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City of Chicago
Richard M. Daley, Mayor

Department of Environment

Sadhu A. Johnston
Commissioner

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March 8, 2006

Christopher R. Gibson
Archer & Greiner
One Centennial Square
Haddonfield, NJ 08033-0968

SUBJECT: NL Industries, Inc. - Dutchboy Site in Chicago, Illinois
City of Chicago Soil Sample Results and Reports

Dear Mr. Gibson:

The City of Chicago (City) completed sampling activities in August of 2005 for the former Dutchboy property (the site) and has prepared reports regarding its findings and an overall summary of work completed at this site to date. Enclosed are the following reports prepared the City's consultant Tetra Tech Inc. :

1) Soil Sampling and Surveying Letter Report, dated March 3, 2006.
2) Summary of Current Conditions, dated February 27, 2006.

If you have any questions, feel free to call me call 312-744-3639.

Sincerely,

Dave Graham, P.G.

CC: M. Ames, DOL
B. Bradely, USEPA
C. Liszewski, USEPA
C. Nissen, Tetra Tech
K. Worthington, DOE

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